What is Data Science?

* Study of data and work with data to find answer to the question.
* Process and analyze data to understand model or hypothesis and story from data
* Data Analysis uncover trend or insight hiding behind data to understand knowledge of organizational environment and criteria for value to business.
* Focus on specific problem by asking question about types and origin of data
* Data can be structured in tabular format or unstructured such as audio, text or video format.
* Data analysis allows finding pattern and insights or outliers from large volume of data.
* Insights gathered from data are visualized using different tools and presented as story which is used to make intelligent decisions and actions.
* Data Scientist must be curious, judgmental and argumentative in specific field such as health, finance or technological industry.
* Steps of Data Science follows:

Problem Clarification -> Data Collection -> Analysis -> Recognition -> Storytelling/Visualization